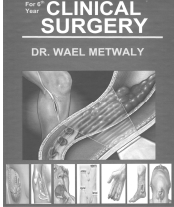
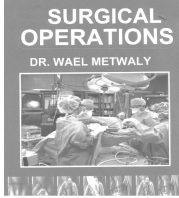
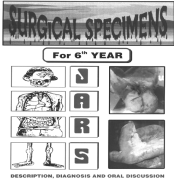
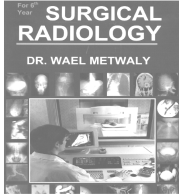


# REVISION 2

## ARTERIAL DISORDERS

BY DR. WAEL METWALY

<p>★ <b>Clinical</b></p>  <ul style="list-style-type: none"> <li>- Atherosclerosis</li> <li>- Burger's disease</li> <li>- Diabetic foot</li> </ul>	<p>★ <b>Operative</b></p>  <ul style="list-style-type: none"> <li>- Amputation</li> </ul>
<p>★ <b>Jars</b></p>  <ul style="list-style-type: none"> <li>- Aortic Aneurysm</li> </ul>	<p>★ <b>X-rays</b></p>  <ul style="list-style-type: none"> <li>- Arteriography</li> <li>- <u>D</u>igital <u>S</u>ubtraction <u>A</u>ngiography ( D.S.A.)</li> </ul>

## EXAMS

- A. Written Questions
- B. Explanations
- C. Cases

## A. WRITTEN QUESTIONS

**2001**

- Discuss Aetiology, C/P of **Aneurysm**

(10 Marks)

**2002**

- Discuss Aetiology & C/P of **Acute Embolic Ischaemia of L.L**

(12 Marks)

**2003**

- Mention C/P, investigations of **Burger's disease**

(12 Marks) دور ثانی

- Discuss types & diagnosis of **Arterial Injuries**

(12 Marks) دور ثانی

- Discuss path, C/P & management of **Diabetic foot**

(20 Marks)

**2004**

- Discuss Aetiology, Types. C/P & manage of **Arterial Injuries**

(20 Marks) دور ثانی

- Discuss management of **crushing injury of the thigh**

(20 Marks)

**2005**

- A 25-year-old female have Mitral stenosis, developed sudden severe pain in the Rt. Lower limb. Examination reveled pallor & coldness of right leg

(Discuss management)

(15 Marks) دور ثانی

**2006**

- A 45-year-old male diabetic patient presented to the emergency department with pain & swelling of Rt. Foot. The patient was drowsy, the pulse was 120/min, A.B.P 110/70 mm Hge, & Temp. was 39. The foot was markedly swollen, warm & tender.

(Discuss management)

(20 Marks) دور ثانی

**2007**

- Discuss **Diabetic foot** infection

(10 Marks) دور ثانی

**2008**

- A 33-year-old male, presented with a profuse bright red bleeding from a punctured wound below the inguinal ligament. Bleeding was controlled by sustained external pressure. Distal pulsations were weak, limbs was pale & cold.

(Discuss management)

(25 Marks) دور ثانی

- You are called to see a 74 year old women in the orthopedic department. She underwent a hemiarthoplasty 6 days ago & has reported a sudden onset of a painful lt. leg. Which is unable to move. She denies any symptoms of intermittent claudicatio in the past. On examination her lt. leg is pale & cold. No venous engorgement in the form of limb swelling or odema. Her lt. femoral pulse is felt & IRREGULAR. There are no distal pulses in the same leg.

(Discuss management)

(10 Marks)

**2009**

- A 70-year-old female, presented with painful Rt. leg of 4 hours duration. She has atrial fibrillation. on the Rt. limb only the femoral pulsation is felt. on the Lt. limb all pulsations are felt.

(Discuss management)

(15 Marks)

## B. EXPLAIN

### THE FOLLOWING STATEMENT

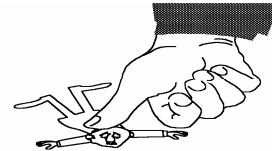


**It is important to open deep fascia after delayed embolectomy**

➤ To avoid Compartmental syndrome which is .....

(2005 – دور أول – 6 Oct.)

## C. CASES



### **Case [13] ( Embolic Ischaemia )**

A 25-years-old female patient who is known to have mitral stenosis, developed sudden severe pain in the Rt. Lower limb. Examination revealed pallor & coldness of the Rt. leg.

- What is the provisional diagnosis
- What is the management

(2005 – دور ثانی – Kasr)

(2005 – دور أول – Kasr)

(2006 – دور أول – Kasr)

### **Case [14] ( Embolic Ischaemia )**

You are called to see a 74 year old women in the orthopedic department. She underwent a hemiarthoplasty 6 days ago & has reported a sudden onset of a painful lt. leg. Which is unable to move. She denies any symptoms of intermittent claudicatio in the past. On examination her lt. leg is pale & cold. No venous engorgement in the form of limb swelling or odema. Her lt. femoral pulse is felt & IRREGULAR. There are no distal pulses in the same leg.

(2008 – دور أول – Kasr)

- Discuss the management

### **Case [15] ( Embolic Ischaemia )**

A 70-year-old female, presented with painful Rt. leg of 4 hours duration. She has atrial fibrillation. on the Rt. limb only the femoral pulsation is felt. on the Lt. limb all pulsations are felt.

(2009 – دور أول – Kasr)

- Discuss the management

**Case [16] ( Arterial Injury –Crush Injury )**

A 20-years-old man was injured in a motor car accident. The patient was alert. The pulse 140/min, ABP 90/60 mm Hg & Temp 37°. there was crushing injury of the thigh. Abdominal examination was free.

- *What is the management*

**Case [17] ( Arterial Injury –Stab )**

A 33-year-old male, presented with a profuse bright red bleeding from a punctured wound below the inguinal ligament. Bleeding was controlled by sustained external pressure. Distal pulsations were weak, limbs was pale & cold.

*(Kasr – دور ثانی – 2008)*

- |  |                   |
|--|-------------------|
| <i>a. What is the possible diagnosis &amp; DD ?</i>    | <i>(5 marks)</i>  |
| <i>b. Clinical evaluation &amp; investigations ?</i>   | <i>(10 marks)</i> |
| <i>c. Preparation of the patient &amp; treatment ?</i> | <i>(10 marks)</i> |

**Case [18] ( Burger's Disease )**

A 20-year-old heavy smoker male patient complain with severe pain at his Rt. foot. By examination revealed pallor & coldness at level of lower Rt. foot.

- *Discuss the management*

**Case [19] ( Raynaud's Disease )**

A 20-years-old female complains of Episodes affecting the hands following exposure of cold during the attack there is a color change from white to cyanosis.

- *Discuss the management*

**Case [20] ( Diabetic Foot )**

A 45-year-old male diabetic patient presented to the emergency department with pain & swelling of Rt. Foot. The patient was drowsy, the pulse was 120/min, A.B.P 110/70 mm Hge, & Temp. was 39. The foot was markedly swollen, warm & tender.

(Kasr – دور ثانی – 2006)

- *Discuss the management*

**Case [21] ( Aortic Aneurysm )**

A 80-years-old smoker male who on examination is found to have a pulsatile swelling in the abdomen.

- *What is the management*

**Case [22] ( A/V Fistula )**

A 60-years-old male patient underwent trans-femoral coronary angiography. Next day the patient developed a painful, progressively enlarged swelling in the femoral triangle, palpation revealed that the swelling was pulsating.

(6 Oct. – دور ثانی – 2005)

- What is your provisional diagnosis?*
- What investigations would you order?*
- What is the management?*

بسم الله  
GOOD LUCK

**Dr. WAEL**